SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

CBDMD Calming 20mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
B2609	**Potency**	**04Jun2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000282853	04Jun2024	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	04Jun2024	N/A

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.047	0.178	ND	ND	# of Servings = 1, Sample Weight=3.456g
Cannabichromenic Acid (CBCA)	0.043	0.163	ND	ND	
Cannabidiol (CBD)	0.175	0.455	21.430	6.20	
Cannabidiolic Acid (CBDA)	0.179	0.467	ND	ND	
Cannabidivarin (CBDV)	0.041	0.108	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.075	0.195	ND	ND	
Cannabigerol (CBG)	0.027	0.101	1.210	0.40	
Cannabigerolic Acid (CBGA)	0.112	0.423	ND	ND	
Cannabinol (CBN)	0.035	0.132	1.210	0.40	
Cannabinolic Acid (CBNA)	0.077	0.288	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.134	0.503	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.122	0.457	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.108	0.405	ND	ND	
Tetrahydrocannabivarin (THCV)	0.024	0.092	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.095	0.357	ND	ND	
Total Cannabinoids			**23.850**	**7.00**	
Total Potential THC			ND	ND	
Total Potential CBD			21.430	6.20	

Final Approval

K Winternheimer

Karen Winternheimer
04Jun2024
01:46:00 PM MDT

PREPARED BY / DATE

Samantha Smith

Sam Smith
04Jun2024
02:04:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/2127a67f-0990-43bb-89f5-15e13aad3d94

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

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Cert #4329.02

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SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 06/20/2024

SAMPLE NAME: PAW 30ct 600mg Calming Soft-chews PCS-30-0600
Infused, Solid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: cbdMD
License Number:
Address:

SAMPLE DETAIL
Batch Number: 240604B2609
Sample ID: 240614P003

Date Collected: 06/14/2024
Date Received: 06/14/2024
Batch Size:
Sample Size: 1.0 units
Unit Mass:
Serving Size:

Scan QR code to verify authenticity of results.

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS
Residual Solvents: PASS
Microbiology (Plating): DETECTED

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110. Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

LQC verified by: Kenrick Sueksdorf
Job Title: Laboratory Assistant
Date: 06/20/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 06/20/2024

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 06/17/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Acephate	0.02 / 0.07	5	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	5	N/A	ND	PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS
Captan	0.19 / 0.57	5	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.5	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	1	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	20	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	10	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	2	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Flonicamid	0.03 / 0.10	2	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	30	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	1	N/A	ND	PASS
Malathion	0.03 / 0.09	5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	15	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 06/17/2024 *continued* ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Methomyl	0.03 / 0.10	0.1	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02 / 0.07	0.5	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Pentachloronitrobenzene*	0.03 / 0.09	0.2	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS

Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 06/17/2024 ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS
n-Butane	10 / 50	5000	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	<LOQ	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS

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Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 06/17/2024 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS

Microbiology Analysis
PLATING

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 5794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 06/20/2024 DETECTED

COMPOUND	RESULT (cfu/g)
Total Aerobic Bacteria	1500.0
Total Yeast and Mold	ND

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Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

CBDMD Calming 20mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
B2609	**Heavy Metals**	**07Jun2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000282854	06Jun2024	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	04Jun2024	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.80	0.10	
Cadmium	0.05 - 4.56	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.05 - 4.75	ND	

Final Approval

K Winternheimer

Karen Winternheimer
07Jun2024
08:43:00 AM MDT

PREPARED BY / DATE

Samantha Smith

Sam Smith
07Jun2024
08:48:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/6b1999af-85bf-48d7-96b0-9a56e9e40826

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

6b1999af85bf48d796b09a56e9e40826.1

GPAL

LAB REPORT

9503 N. Congress Ave., Kansas City, MO 64153
Phone: 816-891-7337 • Fax: 816-891-7450
gpal@gpalab.com • www.gpalab.com

Batch: 240604058
Report Date: June 7, 2024
Received: June 4, 2024
Customer PO:

Lab ID	Sample Identification/Analysis	Detection Limit	Result	Units	Test Date
240604058-001	**CBDMD Calming 20mg B2609**				
	Vomitoxin (Elisa) PPM-NE (Elisa) PPM-NE	0.25	< 0.25	ppm	6/5/2024
	Aflatoxin (Elisa)	5.00	< 5.00	ppb	6/4/2024
	Fumonisin (Elisa)	0.50	< 0.50	ppm	6/6/2024
	Ochratoxin A (Elisa)	2.00	< 2.00	ppb	6/5/2024

Batch Comments:

Methods:

Vomitoxin (Elisa) PPM-NE (Elisa) PPM-NE	GPAL 037 Neogen Veratox for DON 5/5
Aflatoxin (Elisa)	GPAL 038
Fumonisin (Elisa)	ELISA
Ochratoxin A (Elisa)	GPAL 040

Approved by

Tom Fontana, Technical Services Manager

R=Rush Charges; SD=Same Day Charges; NC=No Charge

GPAL

LAB REPORT

9503 N. Congress Ave., Kansas City, MO 64153
Phone: 816-891-7337 • Fax: 816-891-7450
gpal@gpalab.com • www.gpalab.com

Batch: 240605039
Report Date: June 6, 2024
Received: June 5, 2024
Customer PO:

Lab ID	Sample Identification/Analysis		Detection Limit	Result	Units	Test Date
240605039-001	**CBDMD CALMING 20MG 240604B2609**					
	Salmonella species - 25g	Salmonella 25g		Negative	25g	6/6/2024
	STEC Top 7 - 25g	Top 7		Negative	25g	6/6/2024

Batch Comments: All samples tested for Listeria and/or Salmonella are first analyzed by the rapid methods. If a presumptive positive result is generated, culture confirmation is available upon customer request.

Methods:

Salmonella species - 25g	AOAC 2017.06
STEC Top 7 - 25g	AOAC 121203

Approved by

Tom Fontana, Technical Services Manager

Environmental conditions are controlled at Great Plains Analytical Laboratory. The analytical results pertain only to the submitted sample and may not be construed as an endorsement of the sampling method employed. This report may not be distributed or reproduced except in full.

R=Rush Charges; SD=Same Day Charges; NC=No Charge

GPAL

LAB REPORT

9503 N. Congress Ave., Kansas City, MO 64153
Phone: 816-891-7337 • Fax: 816-891-7450
gpal@gpalab.com • www.gpalab.com

Batch: 240606051
Report Date: June 8, 2024
Received: June 6, 2024
Customer PO:

Lab ID	Sample Identification/Analysis	Detection Limit	Result	Units	Test Date
240606051-001	CBDMD CALMING 20MG 240604B2609				
	Staph. (Coag.Pos.)	10	< 10	cfu/g	6/8/2024

Batch Comments:

Methods: Staph. (Coag.Pos.) FDA BAM, Chapter 12

Approved by

Tom Fontana, Technical Services Manager

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